

PHYSICAL INSTALLATION

- 1 POSITION INVERTER ENCLOSURE IN 19" RACK AND SECURE WITH 12-24 SCREWS AND HARDWARE (4 PLACES).

GENERAL NOTES:

- 1 ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED. DIMENSIONS WITHIN BRACKETS [] ARE IN CENTIMETERS.
- 2 WIRE SYSTEM AS INDICATED IN THE FOLLOWING PAGES.

MECHANICAL DATA

WEIGHT: 20 Lbs [9.08 kg]

SIZE: SEE DRAWING AT LEFT
PAINT: SHERWIN WILLIAMS No. 663 A 33
COLOR: GRAY

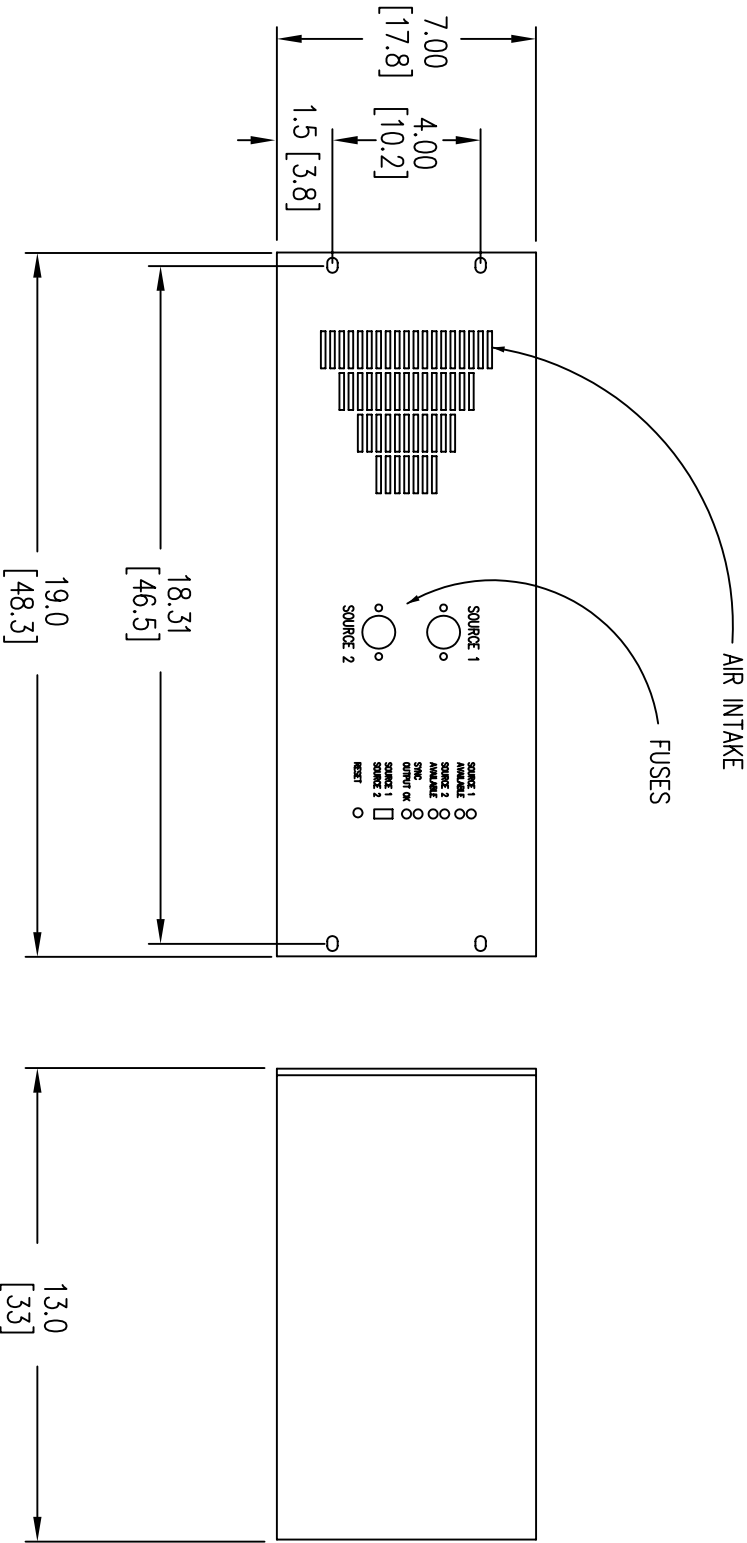
THERMAL DATA

HEAT DISSIPATION @ 100% LOAD
● .8 LAGGING pf
410 BTU MAX.

COOLING: FAN ASSISTED
OPERATING AMBIENT= 32°F TO +104°F
(0°C TO +40°C)

ENVIRONMENTAL DATA

NEMA 1= INDOOR DUTY, OPEN VENTILATED, NONCORROSIVE, CONTROLLED
ENVIRONMENT PER UL1778, DOES NOT PREVENT ENTRY OF DUST.
HUMIDITY RANGE: 0 TO 95% NON-CONDENSING
ALTITUDE DERATING: NONE BELOW 7000 FT.
10%/1000 FT. ABOVE
AUDIBLE NOISE: 35dBA, 5 FT. IN FRONT OF UNIT, 4 FT. FROM FLOOR.



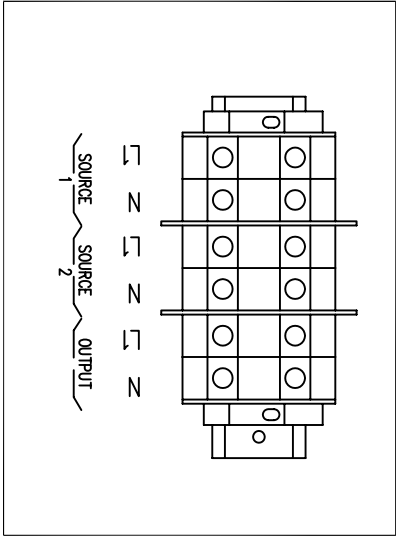
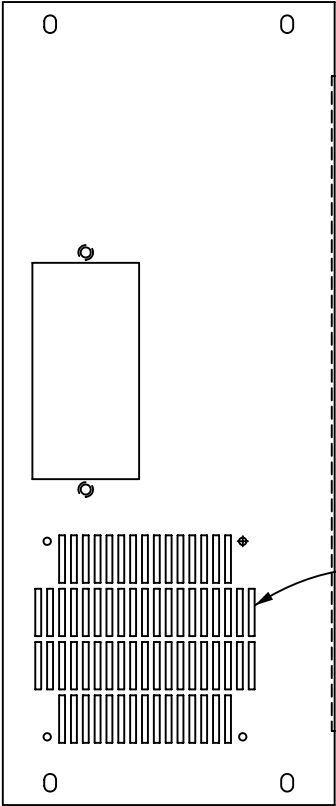
INSTALLER CONNECTIONS

30A, 2 POLE STATIC SWITCH

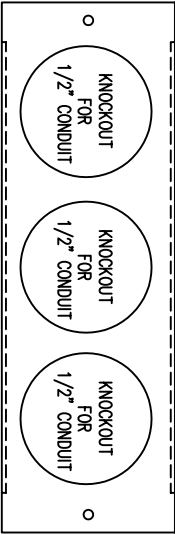
DESIGN	DATE		
DRAWN	DATE	IC4866-520	
WALLACE	6-7-04		
CHKD	DATE		
APPD	DATE	SHEET 1 OF 3	ISSUE
K.J.MOROG	6-10-04		

AIR EXHAUST VENTS
PROVIDE MINIMUM 12"
SPACE AT REAR OF SWITCH.

BACK OF ENCLOSURE



COVER PLATE

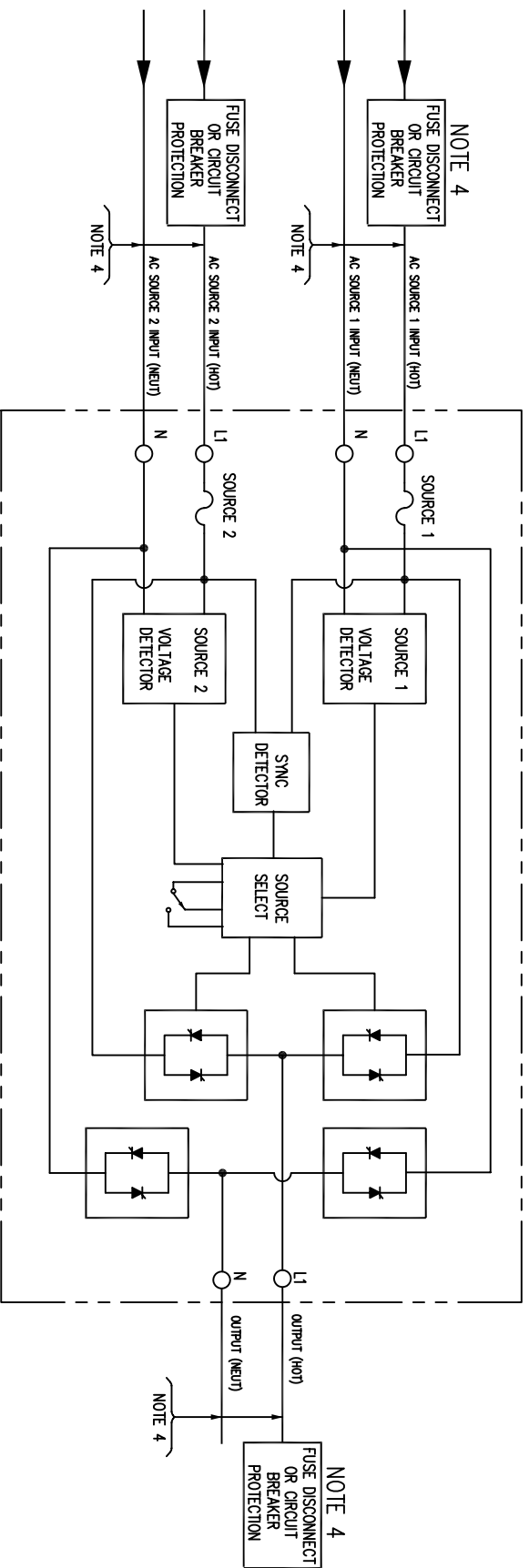


AC INPUT VOLTAGE	CONNECT TO	OUTPUT	CONNECT TO
120V	L1 & (N NEUTRAL)	120V	L1 & N

INSTALLER CONNECTIONS
30 AMP, 2 POLE
STATIC SWITCH

IC4866-520

30 AMP, 2 POLE STATIC SWITCH



NOTES:

- 1 WIRE SIZE RECOMMENDATIONS BASED ON 90°C COPPER CONDUCTORS OPERATING IN 30°C AMBIENT AND NEC TABLES 250-95 & 310-16, INCREASE CONDUCTOR SIZE FOR LONG RUNS.
- 2 ALL FIELD WIRING TO BE COPPER CONDUCTOR ONLY.
- 3 ALL GROUNDS SHOWN SHALL BE CONNECTED SEPARATELY TO A SINGLE GROUNDING POINT AT THE SOURCE SERVICE EQUIPMENT, PER IEEE STD. 446-1980 FIG. 72.
- 4 FUSE OR CIRCUIT BREAKER PROTECTION EXTERNAL TO UPS TO BE PROVIDED BY CUSTOMER, SEE TABLE BELOW FOR RECOMMENDED PROTECTION SIZING AND WIRE SIZING.
- 5 SPECIFIED TORQUE VALUES ARE FOR INTERNAL WIRING CONNECTIONS ONLY.

SIZE	SPEC. No.	AC SOURCE 1 AND 2 INPUTS								OUTPUT							
		TERM. No. (L1,N)								TERM. No. (L1,N)							
		AC INPUT	MAX. INPUT CURRENT	TERM. CAPACITY	TORQUE	RECM. SIZE	RECM. FUSING	RECM. GRD. SIZE	OUTPUT VOLTAGE	FULL LOAD CURRENT (AMPS)	TERM. CAPACITY	TORQUE	RECM. SIZE	RECM. GRD. SIZE	RECM. FUSING		
30 AMP	4866-520	120	30 AMPS	12-2 AWG	35 IN/LB	10 GA	40A	8 GA.	120V	30 AMP	12-2 AWG	35 IN/LB	10 GA	8 GA.	40 AMP		